

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 09:13:34 ON 25 OCT 2010

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.44

0.44

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 09:14:25 ON 25 OCT 2010  
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11 FILES IN THE FILE LIST

=> s (myoinositol or myo(2a)inositol) (2a) (phosphate(2a) (synthase# or synthetase#))  
FILE 'MEDLINE'

896 MYOINOSITOL

6171 MYO

32861 INOSITOL

181409 PHOSPHATE

125844 SYNTHASE#

38868 SYNTHETASE#

L1 236 (MYOINOSITOL OR MYO(2A)INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR  
SYNTHETASE#))

FILE 'SCISEARCH'

3199 MYOINOSITOL

5871 MYO

33495 INOSITOL

210015 PHOSPHATE

155471 SYNTHASE#

39974 SYNTHETASE#

L2 224 (MYOINOSITOL OR MYO(2A)INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR  
SYNTHETASE#))

FILE 'LIFESCI'

230 MYOINOSITOL

2011 MYO

12386 INOSITOL

61694 PHOSPHATE

39962 SYNTHASE#

13318 SYNTHETASE#

L3 81 (MYOINOSITOL OR MYO(2A)INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR  
SYNTHETASE#))

FILE 'BIOTECHDS'

203 MYOINOSITOL

656 MYO

1770 INOSITOL

24585 PHOSPHATE

8013 SYNTHASE#

3516 SYNTHETASE#

L4 30 (MYOINOSITOL OR MYO(2A)INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR  
SYNTHETASE#))

FILE 'BIOSIS'

1303 MYOINOSITOL

65142 MYO

41903 INOSITOL

274691 PHOSPHATE

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138199 SYNTHASE#
49783 SYNTHETASE#
L5      249 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR
          SYNTHETASE#))

FILE 'EMBASE'
1477 MYOINOSITOL
7221 MYO
38885 INOSITOL
349626 PHOSPHATE
158523 SYNTHASE#
42054 SYNTHETASE#
L6      236 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR
          SYNTHETASE#))

FILE 'HCAPLUS'
2786 MYOINOSITOL
11279 MYO
46516 INOSITOL
670931 PHOSPHATE
138665 SYNTHASE#
58441 SYNTHETASE#
L7      281 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR
          SYNTHETASE#))

FILE 'NTIS'
8 MYOINOSITOL
30 MYO
175 INOSITOL
6697 PHOSPHATE
323 SYNTHASE#
210 SYNTHETASE#
L8      0 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR
          SYNTHETASE#))

FILE 'ESBIOBASE'
359 MYOINOSITOL
2653 MYO
15312 INOSITOL
68975 PHOSPHATE
65706 SYNTHASE#
14591 SYNTHETASE#
L9      111 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR
          SYNTHETASE#))

FILE 'BIOTECHNO'
228 MYOINOSITOL
1333 MYO
9535 INOSITOL
51707 PHOSPHATE
29457 SYNTHASE#
11179 SYNTHETASE#
L10     68 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE(2A) (SYNTHASE# OR
          SYNTHETASE#))

FILE 'WPIDS'
300 MYOINOSITOL
826 MYO
4559 INOSITOL
165654 PHOSPHATE
9053 SYNTHASE#
4957 SYNTHETASE#

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L11          21 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE (2A) (SYNTHASE# OR
              SYNTHETASE#))

TOTAL FOR ALL FILES
L12          1537 (MYOINOSITOL OR MYO(2A) INOSITOL) (2A) (PHOSPHATE (2A) (SYNTHASE#
              OR SYNTHETASE#))

=> s l12 and (porteresia or coarctata or wild rice)
FILE 'MEDLINE'
              21 PORTERESIA
              30 COARCTATA
209441 WILD
20370 RICE
249 WILD RICE
              (WILD(W)RICE)
L13          7 L1 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'SCISEARCH'
              51 PORTERESIA
              140 COARCTATA
230650 WILD
66579 RICE
835 WILD RICE
              (WILD(W)RICE)
L14          10 L2 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'LIFESCI'
              24 PORTERESIA
              88 COARCTATA
141104 "WILD"
21036 "RICE"
413 WILD RICE
              ("WILD"(W)"RICE")
L15          2 L3 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'BIOTECHDS'
              10 PORTERESIA
              12 COARCTATA
19833 WILD
7387 RICE
39 WILD RICE
              (WILD(W)RICE)
L16          2 L4 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'BIOSIS'
              76 PORTERESIA
              516 COARCTATA
279115 WILD
91307 RICE
1033 WILD RICE
              (WILD(W)RICE)
L17          8 L5 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'EMBASE'
              19 PORTERESIA
              37 COARCTATA
226342 WILD
25723 RICE
263 WILD RICE
              (WILD(W)RICE)
L18          5 L6 AND (PORTERESIA OR COARCTATA OR WILD RICE)

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FILE 'HCAPLUS'
    53 PORTERESIA
    178 COARCTATA
    240183 WILD
    133027 RICE
    703 WILD RICE
        (WILD(W)RICE)
L19      10 L7 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'NTIS'
    1 PORTERESIA
    0 COARCTATA
    4134 WILD
    2998 RICE
    41 WILD RICE
        (WILD(W)RICE)
L20      0 L8 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'ESBIOBASE'
    39 PORTERESIA
    64 COARCTATA
    156671 WILD
    25922 RICE
    379 WILD RICE
        (WILD(W)RICE)
L21      7 L9 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'BIOTECHNO'
    10 PORTERESIA
    16 COARCTATA
    73649 WILD
    6637 RICE
    89 WILD RICE
        (WILD(W)RICE)
L22      0 L10 AND (PORTERESIA OR COARCTATA OR WILD RICE)

FILE 'WPIDS'
    4 PORTERESIA
    10 COARCTATA
    24860 WILD
    82004 RICE
    129 WILD RICE
        (WILD(W)RICE)
L23      1 L11 AND (PORTERESIA OR COARCTATA OR WILD RICE)

TOTAL FOR ALL FILES
L24      52 L12 AND (PORTERESIA OR COARCTATA OR WILD RICE)

=> s l24 not 2004-2010/py
FILE 'MEDLINE'
    4726312 2004-2010/PY
L25      0 L13 NOT 2004-2010/PY

FILE 'SCISEARCH'
    8822880 2004-2010/PY
        (20040000-20109999/PY)
L26      1 L14 NOT 2004-2010/PY

FILE 'LIFESCI'
    1548366 2004-2010/PY
L27      0 L15 NOT 2004-2010/PY

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FILE 'BIOTECHDS'
    144034 2004-2010/PY
L28      0 L16 NOT 2004-2010/PY

FILE 'BIOSIS'
    4085317 2004-2010/PY
L29      1 L17 NOT 2004-2010/PY

FILE 'EMBASE'
    5450310 2004-2010/PY
L30      0 L18 NOT 2004-2010/PY

FILE 'HCAPLUS'
    9533277 2004-2010/PY
L31      1 L19 NOT 2004-2010/PY

FILE 'NTIS'
    123065 2004-2010/PY
L32      0 L20 NOT 2004-2010/PY

FILE 'ESBIOBASE'
    2340960 2004-2010/PY
L33      1 L21 NOT 2004-2010/PY

FILE 'BIOTECHNO'
    586 2004-2010/PY
L34      0 L22 NOT 2004-2010/PY

FILE 'WPIDS'
    8351037 2004-2010/PY
L35      0 L23 NOT 2004-2010/PY

TOTAL FOR ALL FILES
L36      4 L24 NOT 2004-2010/PY

=> s l12 and (salt(5a)toleran? or resistan?)
FILE 'MEDLINE'
    82739 SALT
    186408 TOLERAN?
    1986 SALT(5A)TOLERAN?
    598814 RESISTAN?
L37      13 L1 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'SCISEARCH'
    172210 SALT
    211283 TOLERAN?
    7122 SALT(5A)TOLERAN?
    776387 RESISTAN?
L38      20 L2 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'LIFESCI'
    30758 SALT
    58792 TOLERAN?
    2169 SALT(5A)TOLERAN?
    219382 RESISTAN?
L39      11 L3 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'BIOTECHDS'
    14013 SALT
    10600 TOLERAN?
    1482 SALT(5A)TOLERAN?

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42514 RESISTAN?
L40      3 L4 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'BIOSIS'
149217 SALT
201798 TOLERAN?
7773 SALT(5A)TOLERAN?
700911 RESISTAN?
L41      17 L5 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'EMBASE'
124538 SALT
233197 TOLERAN?
2593 SALT(5A)TOLERAN?
769727 RESISTAN?
L42      16 L6 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'HCAPLUS'
938571 SALT
176383 TOLERAN?
7953 SALT(5A)TOLERAN?
1810345 RESISTAN?
L43      27 L7 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'NTIS'
18761 SALT
20067 TOLERAN?
147 SALT(5A)TOLERAN?
62229 RESISTAN?
L44      0 L8 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'ESBIOBASE'
40602 SALT
102881 TOLERAN?
3509 SALT(5A)TOLERAN?
232265 RESISTAN?
L45      14 L9 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'BIOTECHNO'
15513 SALT
20204 TOLERAN?
976 SALT(5A)TOLERAN?
102127 RESISTAN?
L46      7 L10 AND (SALT(5A)TOLERAN? OR RESISTAN?)

FILE 'WPIDS'
462460 SALT
68911 TOLERAN?
925 SALT(5A)TOLERAN?
1164403 RESISTAN?
L47      4 L11 AND (SALT(5A)TOLERAN? OR RESISTAN?)

TOTAL FOR ALL FILES
L48      132 L12 AND (SALT(5A) TOLERAN? OR RESISTAN?)

=> s 148 not 2004-2010/py
FILE 'MEDLINE'
4726312 2004-2010/PY
L49      3 L37 NOT 2004-2010/PY

FILE 'SCISEARCH'
8822880 2004-2010/PY

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(20040000-20109999/PY)
L50      5 L38 NOT 2004-2010/PY

FILE 'LIFESCI'
      1548366 2004-2010/PY
L51      2 L39 NOT 2004-2010/PY

FILE 'BIOTECHDS'
      144034 2004-2010/PY
L52      1 L40 NOT 2004-2010/PY

FILE 'BIOSIS'
      4085317 2004-2010/PY
L53      6 L41 NOT 2004-2010/PY

FILE 'EMBASE'
      5450310 2004-2010/PY
L54      3 L42 NOT 2004-2010/PY

FILE 'HCAPLUS'
      9533277 2004-2010/PY
L55      8 L43 NOT 2004-2010/PY

FILE 'NTIS'
      123065 2004-2010/PY
L56      0 L44 NOT 2004-2010/PY

FILE 'ESBIOBASE'
      2340960 2004-2010/PY
L57      6 L45 NOT 2004-2010/PY

FILE 'BIOTECHNO'
      586 2004-2010/PY
L58      7 L46 NOT 2004-2010/PY

FILE 'WPIDS'
      8351037 2004-2010/PY
L59      0 L47 NOT 2004-2010/PY

TOTAL FOR ALL FILES
L60      41 L48 NOT 2004-2010/PY

=> dup rem l60
PROCESSING COMPLETED FOR L60
L61      13 DUP REM L60 (28 DUPLICATES REMOVED)

=>
=> d tot

L61 ANSWER 1 OF 13 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Global expression analysis of the characterization of lysin production in
Corynebacterium glutamicum
SO Berichte des Forschungszentrums Juelich (2003), Juel-4092, 1-146
CODEN: FJBEE5; ISSN: 0944-2952
AU Sindelar, Georg
AN 2004:209240 HCAPLUS
DN 141:406482

L61 ANSWER 2 OF 13 BIOTECHNO COPYRIGHT 2010 Elsevier Science B.V. on STN
TI Discrimination of genes expressed in response to the ionic or osmotic
effect of salt stress in soybean with cDNA-AFLP
SO Plant, Cell and Environment, (01 DEC 2002), 25/12 (1617-1625), 45

```

reference(s)  
 CODEN: PLCEDV ISSN: 0140-7791  
 AU Umezawa T.; Mizuno K.; Fujimura T.  
 AN 2002:35456646 BIOTECHNO

L61 ANSWER 3 OF 13 SCISEARCH COPYRIGHT (c) 2010 The Thomson Corporation on  
 STN DUPLICATE 1  
 TI A pyramid of loci for partial resistance to *Fusarium solani* f.  
 sp. *glycines* maintains Myo-inositol-1-phosphate  
 synthase expression in soybean roots  
 SO THEORETICAL AND APPLIED GENETICS, (DEC 2002) Vol. 105, No. 8, pp.  
 1115-1123.  
 ISSN: 0040-5752.  
 AU Iqbal M J (Reprint); Afzal A J; Yaegashi S; Ruben E; Triwitayakorn K;  
 Njiti V N; Ahsan R; Wood A J; Lightfoot D A  
 AN 2003:43932 SCISEARCH

L61 ANSWER 4 OF 13 SCISEARCH COPYRIGHT (c) 2010 The Thomson Corporation on  
 STN DUPLICATE 2  
 TI Processing and activation of chloroplast L-myo-inositol  
 1-phosphate synthase from *Oryza sativa* requires  
 signals from both light and salt  
 SO PLANT SCIENCE, (APR 2002) Vol. 162, No. 4, pp. 559-568.  
 ISSN: 0168-9452.  
 AU Majumder A L (Reprint); Hait N C; RayChaudhury A; Das A; Bhattacharyya S  
 AN 2002:483962 SCISEARCH

L61 ANSWER 5 OF 13 HCAPLUS COPYRIGHT 2010 ACS on STN  
 TI Changes in gene expression in wild potato (*Solanum soganandinum*) during  
 cold acclimation  
 SO Acta Physiologiae Plantarum (2001), 23(1), 117-126  
 CODEN: APPLDE; ISSN: 0137-5881  
 AU Rorat, Tadeusz  
 AN 2001:382293 HCAPLUS  
 DN 135:134624

L61 ANSWER 6 OF 13 MEDLINE on STN  
 TI Construction of fission yeast vectors with a novel selection strategy that  
 allows their use in wild-type fission yeasts.  
 SO Yeast (Chichester, England), (2000 Oct) Vol. 16, No. 14, pp. 1345-50.  
 Journal code: 8607637. ISSN: 0749-503X. L-ISSN: 0749-503X.  
 AU Ingavale S S; Sharma K G; Bachhawat A K  
 AN 2001033471 MEDLINE

L61 ANSWER 7 OF 13 SCISEARCH COPYRIGHT (c) 2010 The Thomson Corporation on  
 STN DUPLICATE 3  
 TI Myo-inositol-dependent sodium uptake in ice plant  
 SO PLANT PHYSIOLOGY, (JAN 1999) Vol. 119, No. 1, pp. 165-172.  
 ISSN: 0032-0889.  
 AU Bohnert H J (Reprint); Nelson D E; Koukoumanos M  
 AN 1999:67009 SCISEARCH

L61 ANSWER 8 OF 13 MEDLINE on STN  
 TI Pleiotropic effects of the *opil* regulatory mutation of yeast: its effects  
 on growth and on phospholipid and inositol metabolism.  
 SO Microbiology (Reading, England), (1998 Oct) Vol. 144 ( Pt 10), pp.  
 2739-48.  
 Journal code: 9430468. ISSN: 1350-0872. L-ISSN: 1350-0872.  
 AU Jiranek V; Graves J A; Henry S A  
 AN 1999018823 MEDLINE

L61 ANSWER 9 OF 13 EMBASE COPYRIGHT (c) 2010 Elsevier B.V. All rights



reserved on STN DUPLICATE 4

TI Sphingolipid synthesis as a target for antifungal drugs. Complementation of the inositol phosphorylceramide synthase defect in a mutant strain of *Saccharomyces cerevisiae* by the AUR1 gene.

SO Journal of Biological Chemistry, (11 Apr 1997) Vol. 272, No. 15, pp. 9809-9817.

Refs: 40

ISSN: 0021-9258 CODEN: JBCHA3

AU Nagiec, M. Marek; Nagiec, Elzbieta E.; Baltisberger, Julie A.; Wells, Gerald B.; Lester, Robert L.; Dickson, Robert C. (correspondence); Dickson, Robert C. (correspondence)

AN 1997120398 EMBASE

  

L61 ANSWER 10 OF 13 MEDLINE on STN DUPLICATE 5

TI Overexpression of D-myo-inositol-3-phosphate synthase leads to elevated levels of inositol in Arabidopsis.

SO Plant molecular biology, (1997 Mar) Vol. 33, No. 5, pp. 811-20.

Journal code: 9106343. ISSN: 0167-4412. L-ISSN: 0167-4412.

AU Smart C C; Flores S

AN 1997260385 MEDLINE

  

L61 ANSWER 11 OF 13 EMBASE COPYRIGHT (c) 2010 Elsevier B.V. All rights reserved on STN

TI Insulin resistance, a result of reduced synthesis of prostaglandylinositol cyclic phosphate, a mediator of insulin action? Regulation of cyclic PIP synthetase activity by oral antidiabetic and antihypertensive drugs.

SO Acta Diabetologica, (Dec 1997) Vol. 34, No. 4, pp. 257-264.

Refs: 64

ISSN: 0940-5429 CODEN: ACDAEZ

AU Wasner, H.K. (correspondence); Salge, U.; Psarakis, E.; Niktopoulos, A.

AN 1998007199 EMBASE

  

L61 ANSWER 12 OF 13 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN DUPLICATE 6

TI Identification and expression of novel cold induced genes in potato (*Solanum tuberosum*).

SO Plant Science (Shannon), (1997) Vol. 124, No. 1, pp. 69-78.

CODEN: PLSCE4. ISSN: 0168-9452.

AU Rorat, Tadeusz [Reprint author]; Irzykowski, Witold; Grygorowicz, Wojciech Jerzy

AN 1997:274038 BIOSIS

  

L61 ANSWER 13 OF 13 SCISEARCH COPYRIGHT (c) 2010 The Thomson Corporation on STN DUPLICATE 7

TI Salinity-induced enhancement of L-myo-inositol 1-phosphate synthase in rice (*Oryza sativa* L)

SO PLANT CELL AND ENVIRONMENT, (DEC 1996) Vol. 19, No. 12, pp. 1437-1442.

ISSN: 0140-7791.

AU Raychaudhuri A (Reprint); Majumder A L

AN 1997:16977 SCISEARCH

=> log y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	173.65	174.09

STN INTERNATIONAL LOGOFF AT 09:48:15 ON 25 OCT 2010